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Date: September 24, 2004

Steven D. Boyd
(Name of person faxing paper)


(Signature)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wheeler et al.

Group Art Unit: 1711

Serial No.: 10/672,665

Examiner: J. M. Cooney

Filed: 09/26/2003

For: LOW PRESSURE MIXING OF POLYURETHANE FOAMS

AMENDMENT AND RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed June 24, 2004 setting a shortened statutory period for response to expire on September 24, 2004. Applicants request entry of the following amendments, consideration of the following remarks and reconsideration of the rejections set forth in said Office Action.

Amendments to the claims begin on page 2.

Remarks begin on page 3.

1. Cancelled.
2. (Currently Amended) A process as in Claim ~~4~~ 5 wherein the gaseous blowing agent is 1,1,1,2-tetrafluoroethane.
3. (Previously Presented) A process as in Claim 2 wherein the mixing involves the use of impingement mixing.
4. (Previously Presented) A process as in Claim 2 wherein the mixing involves the use of mechanical mixing and the pressure is no more than about 1000 psig.
5. (Currently Amended) In a process for preparing water-blown polyurethane foam using a gaseous co-blowing agent in which an A-side containing isocyanate is mixed with a B-side containing polyol under pressure, the improvement which comprises conducting such mixing at a pressure of from 60 to about 1300 psig whereby the thermal conductivity and free rise density of said foam are lower than when mixing is conducted at 2000 psig.